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INTELLIGENCE REPORT

COUNTRY Bulgaria

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SUBJECT Hydro-Electric Development

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SUPPLEMENT

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ORIGIN

The following are details of river dams now under construction in Bulgaria:

1. Rossitsa:

Situated two kilometers below the village of Gorsko-Kosovo near the Pavlikeni station. The dam wall will be 308 meters long, 55 meters high, 40 meters thick at its base and six meters thick at the top. It will form an artificial lake with an area of 10,000 "dekares". Total output is estimated to be 35 million kilowatts per annum. The sum of 1,500 million levas has been allocated for its construction.

2. Topolnitsa:

This dam is located near the village of Muhovo close by the Sofia-Pirdop-Zlatitsa road. The dam wall will be 180 meters long, 50 meters high, 40 meters thick at the base and five meters thick at the top. The artificial lake thus formed will be 20 kilometers long and three kilometers wide. Total output is estimated at 20 million kilowatts per annum. The sum of 100 million levas has been allocated for its construction.

3. Tach-Boaz:

Situated in the district of the same name in the Rhodope mountains between the summits of Batachki-Karlak and Yanik Tepe. The dam will span the Vatcha or Kritichia River with a wall 200 meters long, 50 meters high, 70 meters thick at the base and 4 meters thick at the top. The artificial lake formed will be between four and seven kilometers long, and the dam will be used to increase the capacity of the central station at Vatcha. The present capacity is 20,000 kilowatts which, it is estimated, will be tripled on the completion of this dam by the end of the year. The sum of 300 million levas has been allocated for its construction.

4. Koprinka:

The dam is situated seven kilometers west of Kazanlik with a wall 700 meters long, 42 meters high, 40 meters thick at the base and six meters thick at the top. It will form an artificial lake of 150 million cubic meters. The water from this lake will be brought by an open canal 3 1/4 kilometers long from the Kazanlik valley to the Stara-Zagora plain. This water duct will pierce the Sredna-Gora mountain

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by means of a tunnel 5,800 meters in length and will then fall 170 meters. The energy generated in this way will supply three power stations with a combined estimated capacity of 25,000 kilowatts. The sum of 100 million levas has been allocated for its construction.

5. Studena:

Across the Struma river near the village of Studena, six kilometers from Pernik. The dam will be 205 meters long, 32 meters high, 40 meters thick at the base and four meters thick at the top. The lake will be three to five kilometers long. Capacity is estimated at 15,000 kilowatts. The sum of 100 million levas has been allocated for its construction.

6. Sveti-Peter:

On the Iskar three kilometers from Samokov. The sum of 150 million levas has been allocated for its construction.

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